Table 3 Salt Concentrations - 1989 to Present

Date						
Sampled	Calcium	Potassium	Magnesium	Sodium	Chloride	
01/08/92				54000	200000	·
03/10/92				81000	200000	
05/14/92				72000	190000	
07/08/92 09/18/92				91000	200000	
12/09/92				90000	210000	
04/09/93				100000	210000 230000	
No Data					220000	
09/14/93				97000	210000	
11/04/93 03/10/94				95000	205000	
06/09/94				88000 86000	190000	<u>.:</u>
No Data					220000	
12/21/94					250000	
03/16/95				73000	250000	
06/09/95 09/13/95			0.00	130000	250000	-
11/07/95	Man Care			120000	230000	<u> </u>
01/16/96	130000	4400	37000	100000	220000	
03/19/96	52000	4400	35000	110000	230000	7
06/10/96	120000	4700	36000	100000	230000	
09/05/96 01/31/97	130000	4400 5000	35000 32000	110000	240600	
06/05/97	134000	5000	34400	110000	270000 267000	
09/02/97	141000	5700	35900	124000	257000	
11/17/97	128000	5000	33000	115000	251000	
02/09/98	132000	5300	33700	118000	261000	
05/11/98 08/04/98	137000	5000 3 4530	34200 33400	119000	a 245000	
11/02/98	124900	J 4500	32100	113000	243000 2 209000	
02/04/99	114000	J 4480	29300	93600	Q 199000	
05/03/99	117000	J 4700	30400	95600	Q 228000	
07/27/99	111000	J 4300	28800	83900	G 191000	
11/01/99 01/31/00	96300 96900	3 3700 3 4800	26500	77200	Q 176000	
05/01/00	103000	J 4000	27100 27000	82900 76400	Q 158000 Q 177000	
					4 17700	
Mean	120081.25	4694.38	32918.75	98816.13	223588.24	
Std. Dev. Max	21270.61	466.68	2915.53	17421.18	24780.39	
Min	141000.00 52000.00	5700.00 3700.00	37000.00 26500.00	130000.00 54000.00	270000.00	
			20300.00	34000.00	176000.00	4
09/10/91	30000	2800	9000	9300	6700	
01/08/92				8100	6500	
03/10/92 05/14/92				7000	6500	
07/08/92				8700 8900	5100 5100	
09/18/92				11000	3100	
12/09/92				8400	5500	-
04/09/93		1 2 2 2 2 2 2 2 2		8100	5400	<u> </u>
06/10/93 09/14/93				7800	5500	
1/03/93				8500 8700	5000 4800	
)3/15/94				8100	5000	
06/13/94			- 1	8300	4900	
)9/12/94		iv cas	15 (17)	8600	5200	
11/04/94 03/17/95				8000	4900	
06/09/95				4500 9300	5300 4800	
9/14/95				9000	4900	
1/08/95				8600	4900	
)1/16/96)3/19/96	25000	2900	8800	9100	4600	-
6/10/96	25000 25000	2806 2800	8900 9300	8900	5000	
9/03/96	24000	2800	9000	9500	5100 5200	
1/31/97	21000	3000	8300	9000	5400	

e Estimate	ix E. Table	3 - Salt Conce	entrations 198	9 to Present (C	concentrations	in ppb)	
ppena							
Well	Date					011-14-	Sulfate
SOUR DEPOSIT OF THE 12 ST	Sampled	Calcium	Potassium	Magnesium 8900	Sodium 9100	Ghloride 4700	13500
	06/05/97	26900	2900 2900	9100	8300	4600	13700
Control Control Control	09/02/97 11/18/97	26600 27200	3300	9500	9500	4000	13800
	02/09/98	28700	J 3300	9600	9000	4500	13400
STATE OF STATE OF	05/11/98	31500	3300	9500	9700	4300	13600
THE CHARGE STREET	08/05/98	24100	J 2720	9390	8270	4800	13900
NRF-7	11/02/98	30400	J 2800	9400	9400	4900	13100
NRF-7	02/04/99	27100	3020	9480	9500	5100 5300	13300
	05/03/99	27700	3200	9700 9800	8200	5300	14000
NRF-7	07/27/99	30000 28300	J 2900	9800	8900	5800	14200
NRF-7 NRF 7	11/01/99 01/31/00	25900	J 3300	9400	11500	4700	13400
NRF-7	05/01/00	28900	⊋ 2900	9100	8000	4600	13600
	00/01/00		(1000)		5 F 16 19 1		September 1
	Mean	26970.59	2967.06	9262.94	8648.57	5135.29	14820.00
	Std. Dev.	2744.26	195.31	406.75	997.84	575.71	3735.19 35000.00
	Max	31500.00	3300.00	9800.00	11000.00	6700.00 4000.00	13000.00
	Min	21000.00	2720.00	8300.00	4500.00	4000.00	(3000.00
		1000	0.60	24000	15000	34000	34000
IRF-8	01/17/96	69000	2100 2200	23000	14000	37000	35000
NRF-8 NRF-8	03/25/96	74000 67000	2400	24000	13000	35000	34000
VRF-8	09/04/96	71000	2200	24000	14000	35000	35000
NRF-8	01/30/97	70000	2000	22000	14000	37000	37000
VRF-8	06/10/97	76000	2400	24500	16300	39300	37300
NRF-8	09/04/97	73000	2200	24600	14800	35100	34800
NRF-8	11/17/97	73000	2500	23500	15100	35500	36700 35900
IRF-8	02/10/98	75500	J 2600	24100	15100	36100 36200	36200
IRF-8	05/13/98	75200	J 2300	23300	15000 15200	36600	37500
IRF-8	08/05/98	70300	J 2290	23400 24400	15100	35700	34800
IRF-8	11/03/98	76300 < 70500	3 2200 3 2400	22300	14500	36500	34700
IRF-8 IRF-8	02/11/99 05/03/99	71500	J 2500	23100	14600	39800	34600
IRF-8	05/05/99	71600	3 2200	23100	15600	36400	35500
IRF-8	11/02/99	66700	ತಿ 2300	22900	15200	41700	36200
IRF-8	02/01/00	64700	J 2000	22100	13800	32700	33200
IRF-8	05/02/00	70500	J 1900	22800	12700	32500	33300
	1			02510.50	14781.25	36681.25	35575.00
	Mean	71912.50	2299.38	23512.50 765.83	767.87	2006.06	1137.54
	Std. Dev.	3005.52 7 6300.00	159.18 2600.00	24600.00	16300.00	41700.00	37500.00
	Max Min	66700.00	2000.00	22000.00	13000.00	34000.00	34000.00
	7	73777	***	771			
NRF-9	01/18/96	74000	2300	25000	17000	45000	49000
NRF-9	03/26/96	79000	2400	23000	17000	46000	50000 48000
NRF-9	06/11/96	68000	2400	25000	16000	48000 48000	49000
NRF-9	09/04/96	73000	2400	24000	17000 17000	49000	51000
NRF-9	01/30/97	72000	2000	22000 25000	19600	51000	48500
NRF-9	06/10/97	79500	2600 2500	25200	18200	46800	46900
NRF-9	09/04/97	78100 76600	2800	23900	18400	47500	48300
NRF-9 NRF-9	11/18/97 02/10/98	79700	3 2800	24500	18200	47100	46800
NRF-9	05/13/98	80200	2600	24500	19700	47900	46800
NRF-9	08/05/98	72200	J 2590	23300	18800	44400	46900 44100
NRF-9	11/03/98	79800	J 2200	24600	18000	45700 45600	42800
NRF-9	02/11/99	74900	J 2210	23000	17200 18000	49500	42700
NRF-9	05/04/99	75300	J 2400	23300 23400	17600	45100	43100
NRF-9	07/28/99	74700	J 2200 J 2400	22700	16900	49300	42400
NRF-9	11/02/99 02/01/00	68700 67200	J 2400	22300	16400	39500	39600
NRF-9 NRF-9	05/02/00	72600	J 2400	22900	16200	40100	40400
MILLER	00/02/00				54.000		
	Mean	75356.25	2425.00	23900.00	17787.50	47243.75	46643.75 2791.89
	Std. Dev.	3909.64	219.42	972.28	1020.38	1874.73 51000.00	51000.00
	Max	80200.00	2800.00 2000.00	25200.00 22000.00	19700.00 16000.00	44400.00	42400.0
16 4 C C C C C	Min	68000.00					

Well E	ate						
lumber Sar	mpled	Calcium	Potassium	Magnesium	Sodium	Chloride	Sulfa
NRF-10							
	08/96	84000	2300	25000	15000	42000	4400
	12/96	70000	2500	24000	14000	44000	4200
	04/96 30/97	72000	2400	25000	16000	43000	4400
	11/97	70000 76100	3000	22000	15000	45000	4600
5-16-50 A 1-10-10	04/97	77600	2600 2500	24700 25100	16800 18900	47100 44000	4580
100	18/97	72700	2800	23300	16500	45500	4330 4520
	10/98	75600	J 3100	24600	15800	44700	4370
VRF-10 05/		76900	2600	23500	15800	44790	4370
VRF-10 08/	05/98	69200	J 2290	23100	15200	44400	4450
NRF-10 11/	03/98	75500	J 2200	24200	16000	42500	4070
NRF-10 02/	11/99	68700	J 2560	21700	14400	42200	3990
NRF-10 05/	04/99	70500	₫ 280 0	22700	14500	45700	3950
	29/99	71100	J 2400	23000	16200	41700	3990
	02/99	66900	J 2400	22500	15200	50000	4980
NY 624 154 154 154 154 154 154 154 154 154 15	01/00	63400	J 2400	21800	14500	36800	3680
NRF-10 05/	02/00	68500	J 2300	22100	13800	37400	3780
8.4							
	ean	73120.00	2563.33	23633.33	15620.00	44433.33	42866
	. Dev. Iax	4463.05 84000.00	261.52	1120.37	1175.46	2168.83	2225.
	/lin	66900.00	3100.00 2200.00	25100.00 21700.00	18900.00	50000.00	46000
		00500.00	2200.00	21700.00	14000.00	41700.00	39500
NRF-11 01/	18/96	70000	2600	24000	19000	43000	4700
	25/96	78000	2500	23000	18000	46000	4900
	12/96	65000	2400	25000	18000	45000	4700
IRF-11 09/	05/96	72000	2800	23000	19000	44000	5000
IRF-11 01/	30/97	68000	3000	22000	18000	46000	4900
IRF-11 06/	11/97	75100	2800	24000	20500	48000	4910
	04/97	73900	2600	24800	18400	42900	4380
	19/97	74400	2700	23200	18300	43100	4470
	11/98	74500	J 2800	23900	17600	44400	4350
	13/98	80300	J 2700	24100	18700	43300	4320
	05/98	69500	J 2280	22900	17800	45200	4460
	04/98 11/99	71300	.) 2500	22900	17600	44100	4140
	04/99	73600 74100	.3 2440 .3 2500	22900	16800	46600	4190
	29/99	69100	EXPLORED PROPERTY.	23400	17300	G 44500	4140
IRF-11 11/		73200	.3 2500 J 2800	21900 23500	18500	47200	4230
IRF-11 02/		65400	J 2300	22200	19500	47100 40900	4220
	03/00	68800	J 2300	21500	17300	41200	3840 3910
					1,300	41200	3910
M	ean	72625.00	2620.00	23406.25	18312.50	45025.00	45006
Std.	Dev.	3798.51	190.02	868.31	902.50	1636.46	3051.
I V	lax	80300.00	3000.00	25000.00	20500.00	48000.00	50000.
N	lin	65000.00	2280.00	21900.00	16800.00	42900.00	41400.
							5.65
	22/96	75000	2700	26000	22000	58000	5900
	20/96	80000	2300	23000	22000	57000	6000
	12/96	69000	2500	26000	21000	59000	5800
	05/96	72000	2500	25000	21000	59000	5900
	30/97 05/97	76000	3000	23000	21000	62000	6200
	04/97	80100	2600	24500	22400	61600	6030
RF-12 09/0 RF-12 11/		80500 80800	2700 2900	26300	23200	60000	5750
	1/98	82000	J 3000	24700 25700	22900 23600	61600	6050
	3/98	82300	B 2600	24500	23900	64400 64000	6030 5090
)5/98	77600	J 2940	25000	25700	54600	5980 6090
RF-12 11/0	04/98	76500	J 2700	24100	24100	Q 60900	@ 5240
	1/99	77100	J 2870	23600	23500	Q 56000	Q 4890
RF-12 05/0		79200	J 3100	24400	25200	Q 59100	Q 4780
	29/99	76300	J 2500	23800	23700	Q 53400	G 5340
RF-12 11/0		76000	J 2600	24100	23300	Q 55900	4970
RF 12 02/0 RF-12 05/0		66800	J 2400	22000	20800	49200	4520
	MATERIAL STATE	70800	J 2600	21800	20600	Principal Color Control Control Color Colo	4550

10-20								
	Date							
ər	Sampled	Calcium	Potassium	Magnesium	Sodium	Chloride		Su
	Mean	77525.00	2719.38	24606.25	23031.25	59781.2		5684
	Std. Dev.	3604.90	226.64	1022.07	1407.94	3244.12		474
	Max Min	82300.00	3100.00	26300.00	25700.00	64600.00		6200
	MIII	69000.00	2300.00	23000.00	21000.00	53400.00) 38	4780
3	01/22/96	63000	5000	18000	12000	58000		67
1.0	03/20/96	71000	4800	18000	10000	57000	Ä.	69
	06/13/96	70000	4600	22000	11000	61000		69
3	09/05/96	64000	4200	19000	62000	60000		73
3	02/03/97	100000	6000	25000	13000	57000		68
	06/09/97	75600	4800	21200	12200	66700		76
200	09/05/97	103000	4900	32600	14100	63300		74
	11/19/97	74100	4700	20200	11400	65300		78
(1)	02/11/98	61800	J 4200	16900	10700	65200	8	78
	05/13/98 08/05/98	73300 71200	3 4000 3 4000	20000	10900	68000 69400		83 85
4.5	11/04/98	71900	J 4100	21900	11200	Q 69100	Q	82
	02/11/99	71100	J 3870	20400	9590	Q 69000		82
26.63	05/05/99	74000	J 4100	20500	11200	Q 69600	a	75
4.0	07/29/99	78100	J 3900	24100	11900	Q 69000	a	81
1.0	11/03/99	73900	ā 4000	21900	12300	Q 81200	Q	86
3	02/02/00	84800	5100	27200	12000	Q 64600	Q	78
3	05/03/00	72000	J 3700	21500	10100	Q 65400	Q	78
	Mean	74750.00	4448.13	21400.00	14649.38	65550.00)	769
	Std. Dev.	11382.38	568.85	3664.42	12674.91	6217.39		641
	Max	103000.00	6000.00	32600.00	62000.00	81200.00		869
	Min	61800.00	3870.00	16900.00	9590.00	57000.00) 34.	670
12	06/15/90	64000	1900	20000	13000	31000	5 J	32
0.00	08/06/90				10000	32000		32
5 (5)	10/10/90				12000	32000		33
44	12/11/90				12000	35000		35
12	02/07/91		1.20		12000	34000		35
	04/11/91				13000	33000		37
at the	06/10/91	Couple Control			13000	31000		26
	09/06/91				13000	29000		29
	12/05/91				12000	36000		36
	03/12/92				14000	40000		38
	06/19/92 09/18/92				15000 8500	40000 6300		35 15
	12/01/92				7700	7100	-	19
	04/13/93				14000	37000		36
	06/14/93				13000	38000		37
200	09/16/93				15000	36000		38
12	11/05/93				16000	37000		35
12	03/11/94				15000	38000		37
2 7000	06/10/94				15000	21000		26
	09/09/94				15000	38000		36
	10/27/94				16000	39000		35
	03/20/95 06/14/95				13000 17000	42000 38000		35 35
40.00	09/12/95				17000	39000		36
	11/02/95				17000	40000		34
grander.	01/16/96	70000	2100	24000	17000	38000		34
100	03/21/96	77000	2100	23000	16000	40000		36
	06/10/96	66000	2000	24000	16000	38000		34
	09/03/96	68000	1900	23000	17000	38000	1	35
	02/04/97	65000	2000	21000	17000	39000	4	36
	06/09/97	70900	2200	22700	17700	36300 32000	.	35 32
	09/03/97 11/18/97	67800 66200	2000	22600 20900	16700 16500	29500		32 31
	02/11/98	66200	J 2300	21000	16400	28200		30
	05/11/98	65100	J 2100	19700	16100	25000	1	28
	08/04/98	59000	J 1830	19400	15200	24200		28
	11/04/98	57400	J 1800	18600	14500	19600		25
9900	02/11/99	56000	J 1940	17700	13300	17400		24

Date						
Sampled 05/05/99	Calcium 58700	Potassium 3 2200	Magnesium 18600	Sodium 13400	Chloride 17300	
07/29/99	57500	J 1700	18400	13300	14900	
11/03/99	57300	J 1800	18600	13100	15800	
02/02/00	52000	J 1800	17700	10800	12000	
05/03/00	55100	J 1800	17400	11100	12600	
Mean	64235.29	2004.12	20776.47	14326.83	31282.93	
Std. Dev.	5838.23	169.97	2103.43	2344.14	9393.21	
Max	77000.00	2300.00	24000.00	17700.00	42000.00	
Min	56000.00	1700.00	17700.00	7700_00	6300.00	
11/30/89	59000	1800	21600	11000	50060	
03/19/90	7,500	100	21000	13000	28000 30000	
06/07/90				15000	31000	
08/01/90				12000	33000	- 1
10/04/90				15000	33000	
12/07/90 03/13/91				13000	32000	
06/07/91				12000 13000	34000 29000	
09/05/91				14000	37000	
12/03/91				12000	36000	
03/16/92				11000	33000	
06/17/92 09/21/92				14000	32000	
12/08/92				15000 13000	35000 33000	<u> </u>
04/06/93				15000	34090	
06/09/93				12000	34000	
09/13/93				14000	35000	
11/04/93				15000	32000	
03/14/94 06/09/94				14000	33000	
09/08/94				14000	35000 S5000	
11/10/94				13000	35000	
03/16/95				12000	36000	
06/13/95				15000	33060	
09/11/95 11/06/95				15000	37000	
01/17/96	70000	2100	25000	14000 #E000	35000	
03/25/96	72000	1900	22000	15000 15000	35000 36000	
06/11/96	64000	2000	24000	14000	35000	
09/04/96	71000	2000	24000	15000	35000	_
02/03/97	92000	2000	22000	15000	38000	
06/10/97 09/03/97	74600 76500	2200 2400	24300 24100	16400	38100	
11/18/97	73100	2400	24100	15900 15600	35500 36000	-
02/10/98	74800	J 2200	24700	15600	36500	
05/12/98	73400	J 2200	23500	15900	36200	
08/04/98	70300	J 2090	23900	16200	39400	
11/03/98 02/09/99	77100	J 2000	25200	16000	36100	
05/04/99	71300 73700	J 1930 J 2100	23300 24000	16900 15800	14400	
07/28/99	71600	3 2100	23600	15600	40000 36800	
11/02/99	66600	J 1900	23000	15700	41600	
02/01/00	64700	J 2100	22600	15500	32900	
05/02/00	70100	J 1900	23100	14400	32900	
Mean	72411.76	2077.65	23600.00	14200.00	2407046	
Std. Dev.	6776.51	165.93	1100.57	14300.00 1549.67	34276.19 4159.26	
Max	92000.00	2400.00	25200.00	16900.00	41600.00	
Min	59000.00	1800.00	21000.00	11000.00	14400.00	
11/29/89	49000			222	100	
03/19/90	42000	2200	1700	7900 9600	13000	
06/05/90				8800	13000 28000	
07/30/90				8100	18000	
10/03/90 12/07/90				9100	14000	

ell Date						
nber Sampled S-98 03/13/91	Calcium	Potassium	Magnesium	Sodium	Chloride	Sulfate
S-98 06/07/91				8706 19000	15000	22000 11000
S-98 09/05/91				8800	14000	22000
S-98 12/03/91				7800	17000	24000
iS-98 03/16/92				8300	17000	21000
S-98 06/17/92				9300	14000	33000
S-98 09/21/92				8600	17000	23000
S-98 12/08/92 S-98 04/06/93				9500	14000	22000
5-98 06/08/93			- -	9700 8900	14000	21000 22000
5-98 09/13/93					- 1000	
-98 11/02/93				17734		
-98 03/14/94		1.00		9700	13000	21000
-98 06/09/94				9900	14000	21000
-98 09/08/94 -98 11/09/94				10000	14000	21000
-98 03/15/95				9500 4800	14000	20000 19000
98 06/12/95				11000	15000	20000
-98 09/11/95				9500	15000	21000
98 11/06/95				9800	14000	21000
98 01/17/96	92000	2000	37000	9900	14000	21000
98 03/21/96	50000	1900	18000	9300	14000	22000
98 06/11/96	49000	2000	21000	9300	14000	21000
98 09/04/96 98 02/04/97	50000 48000	2000	20000 18000	10000 9600	15000 15000	22000 24000
-98 06/10/97	51300	2200	19700	10400	14600	21600
98 09/03/97	50400	2000	20100	10100	15100	22000
98 11/18/97	51400	2300	19400	9700	13900	22200
98 02/10/98	53000	J 2200	20100	9400	7	14700
98 05/12/98	49800	J 2000	18300	9600	14200	21700
38 08/04/98 <u> </u>	48000	ತೆ 2030	18800	9680	14600	21900
98 11/03/98 98 02/09/99	52800 50900	J 1800	20100 19300	9300	13900	21000 21600
8 05/04/99	51300	2300	19400	10200	15400	21300
8 07/28/99	51100	3 2000	19500	10700	14500	22100
8 11/02/99	46700	J 2100	18800	9100	16700	22600
8 02/01/00	46100	J 1900	18700	8200	13600	21000
8 05/02/00	50800	1900	19400	8400	14100	21900
Mean Std. Dev.	52217.65 10573.21	2060.00 136.88	19364.71 6291.75	9327.00 1013.82	15084.62 2474.98	21817.50 3850.67
Max	92000.00	2300.00	37000.00	11000.00	28000.00	37000.00
Min	42000.00	1800.00	1700.00	4800,00	13000.00	11000.00
					7.77	
99 11/30/89	55000	1700	21000	12000	18000	27000
9 03/20/90				11000	16000	26000
99 06/05/90				13000	40000 22000	47000 25000
99 08/01/90 99 10/03/90				10000	19000	23000
99 12/10/90			+ + + -	13000	20000	27000
9 03/13/91				10000	21000	26000
99 06/07/91				12000	17000	18000
99 09/05/91			i arasi	12000	24000	30000
9 12/03/91				8800	20000	27000
99 03/16/92 99 06/16/92				11000	22000	25000 27000
99 09/21/92				13000	23000	28000
99 12/08/92				12000	18000	27000
99 04/06/93				12000	20000	26000
99 06/09/93	100			11000	20000	27000
99 09/13/93				13000	19000	27000 27000
99 11/02/93 99 03/14/94				14000	20000	26000
99 06/09/94			- -	13000	21000	25000
99 09/07/94				13000	21000	26000
99 11/09/94				12000	21000	25000
99 03/15/95	24304225		Les estal	12000	22000	25000

SS-59 007196	Appendix E, Table	3 - Salt Cond	entrations 198	9 to Present (Concentration	s in ppb)	
\$18.9-20 of 12/95 2-2000 2							
\$\$\$-90 011195 \$6900 \$1700 \$2000		Calcium	Potassium	Magnesium	PROPOSE PROPOS	SANSON CONTRACTOR OF THE PROPERTY OF THE PROPE	The state of the s
\$68-90 11769	CMARTE DAY CONTRACTOR						171,000,000,000,000,000
SS-99 0117796 Septib 1799 22000 1,9000 2,2000					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	G-190 (300 (300 (300 (300)	787
SS-59 007196 Seption S	USGS-99 01/17/96	58000	1700	22000		2000 CONTROL C	10000
SS-99 0204095	USGS-99 03/25/96	300 C C C C C C C C C C C C C C C C C C	1500	22000	14000	21000	27000
\$68-99 061097	USGS-99 06/11/96	58000	1700	22000	14000	22000	26000
\$\$\$-99 03/10/97 \$5700 \$900 \$2800 \$9000		2019100 201000 2010 20100	7 x 660 x 60 x 2 x 600 x	17.07.000 (0.000 et a)	200 CAR CONTROL OF THE CONTROL OF TH	577/77/37/37/37/37/37/37	
\$\$5.99 0.00397 \$3700 \$1800 \$2800 \$1100 \$1100 \$2800	100 ASSA 4 6 40 U.V. 6			10.00 Per 10.00			2000
\$65-90 11/18/07 66590 2000 21800 31500 22100 28900 265-90 27100 28900 28000 28		100 PARTICULAR AND	000 000 000 000 000 000 000 000 000 00	2 Table 2 Tabl	ACCURATE AND ADDRESS OF THE PARTY OF THE PAR		
\$65.99 0170/88 \$6600 \$1900 \$2100 \$1800 \$2200 \$2800 \$2600	4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1000
\$68.99 0.512.98	USGS-99 02/10/98	200000000000000000000000000000000000000	440000000000000000000000000000000000000	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2.0 year of the control of the contr	722700000000000000000000000000000000000	77.7
\$GS-99 1703/98	USGS-99 05/12/98			21300		21500	26400
\$65.90 02/09/99 \$65.90 12/09/99 \$65.90 12/09/99 \$65.90 17/8/99 \$65	USGS-99 08/04/98	60100	J 1680	21700	14500	22000	26900
\$68.90 0.504-99 \$2200 \$2	USGS-99 11/03/98		12 May 2011 - 10	13/10/27/10/06/06/19/19/		100 CO 100 CO 100 CO	27.52.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.
\$\sqrt{9.99 0.7728/99} \times	\$2.0-\$2.00 miles						
\$68.99 11/02/99 \$57005.	\$1468 7 (\$1546.55f) F J.	122222222222222		10-13-01-13-01-13-01	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	120000 10000000000000000000000000000000	
\$\text{SS\$ 90 02/01/00} \text{\$\frac{1}{80000}\$ \text{\$\text{\$\text{J}}\$ \$\text{\$\tex{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$			200 Per (200 Proper per carbon	A STATE OF THE PARTY OF THE PAR	20 CO		-
Mean G1692.55 1750.00 22001 51900 26000		100 of November 100 cells (100)	24732707 3620 972 5	Service Commission	200000000000000000000000000000000000000		Towns County of the
Mean 61882.35 1750.00 21917.65 13116.67 2129.2 25640.97 Std. Dev. 3033.00 140.27 639.57 1629.74 348.65 3656.75 3650.00 3033.00 140.27 639.57 1629.74 348.65 3656.75 3650.00 36500.00 36	USGS 99 05/02/00	Company of the property of the	Control of the Contro	50 P 30 P 30 P 30 P 3	100000000000000000000000000000000000000	TO SERVE COMPANY	
Stri. Dev. 3032.20 140.27 639.57 169.974 345.63 8266.74 140.00 14							100
Max	Mean	61682.35	1750.00	21917.65	13116.67	21292.86	26480.95
Min 5500.00 1500.00 2100.00 1500.00 1600.00		3033.20	140.27				3666.74
\$65-102 06/08/90							47000.00
SGS-102 08/01/90	Win	55000.00	1500.00	21000.00	8800.00	16000.00	18000.00
SGS-102 08/01/90	15G5-102 06/08/90	62000	2000	21000	13000	29000	26000
SGS-102 10/04/90	200500000000000000000000000000000000000			21000	No. 4 (2) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	DARGO BORGO CO.	
SGS-102 04/11/91	JSGS-102 10/04/90						20.000000000000000000000000000000000000
GS-102 04/11/9	JSGS-102 12/10/90				13000	28000	33000
12000	JSGS-102 02/07/91				12000	30000	31000
See-102 09/05/91 12000	JSGS-102 04/11/91				0.0000000000000000000000000000000000000		
SGS-102 12/03/91	8474 (8546/04/A)						
11000 31000 3400	6896 S S S S S S S S S S S S S S S S S S S						37.57.57.57.57
SGS-102 09/16/92 13000 30000 35000 35000 36000 3	7 A/W/2005 (\$4.000.00 Mg = 16)					100 CO	
\$\text{SGS-102} 09/16/92 \\ \text{13000} \\ \text{14000} \\ \text{13000} \\ \text{14000} \\ \text{13000} \\ \text{13000} \\ \text{33000} \\ \text{35000} \\ \t	7077 A C 2004 M					0.00 to 200 to 2	2000
12000 31000 3500	ISGS-102 09/16/92				2070 FO 100 SAN CARD		DG1349134174354
12000 33000 3600	ISGS-102 12/09/92				13000	31000,	36000
14000 33000 36000 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 35500 3500	JSGS-102 04/06/93				12000	31000	35000
14000 32500 3550	ISGS-102 06/09/93						
SGS-102 03/10/94	DEPTE 12/10/10/10/10/10/10				100 Sept. 100 Se	100.000.0000.0000.0000	
SGS-102 06/09/94 13000 34000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 35000 34000 34000 34000 34000 32000 32000 32000 32000 32000 32000 32000 32000 32000 32000 32000 32000 34000 32000 34000 32000 34000 32000 34000 32000 34000 34000 32000 34000 34000 34000 34000 34000 34000 34000 34000 34000 34000 32000 34000 320					200,4700,000,000,000,000,000,000		2270777
\$\begin{array}{cccccccccccccccccccccccccccccccccccc	97543355555537F				7.00 - 4.00 - 4.00	200 Carlot Carlo	
\$GS-102 11/08/94	ISGS-102 09/08/94						300000000000000000000000000000000000000
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\$\text{GS}\$-102 09/13/95 \\ \text{SGS}\$-102 11/07/95 \\ \text{SGS}\$-102 01/18/96 \\ \text{BS}\$000 \\ \text{2100} \\ \text{25000} \\ \text{25000} \\ \text{14000} \\ \text{34000} \\ \text{34000} \\ \text{34000} \\ \text{34000} \\ \text{34000} \\ \text{34000} \\ \text{35000} \\ \text{36000} \\ 3600	ISGS-102 03/16/95			100	7500	36000	33000
\$\begin{array}{c} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	JSGS-102 06/13/95				14000	32000	34000
SGS-102 01/18/96	88************************************					The Control of the Co	
\$\text{GGS}\$-102 03/19/96	E-2008/2019 1 2003					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30012 2004 30.40
\$\frac{6}{6}\frac{102}{6}\frac{06}{11/96} \text{66000} \text{2200} \text{24000} \text{14000} \text{34000} \text{33000} \text{35000} \text{35000} \text{35000} \text{35000} \text{35000} \text{35000} \qua		40.46 (4.000.0.2), 40.40 (4.000.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0					2.200.0000
GGS-102 09/04/96 74000 2100 24000 15000 33006 35000 GGS-102 02/03/97 67000 2000 21000 14000 37000 38000 GGS-102 06/09/97 74400 2300 23900 15200 38900 36500 GGS-102 09/03/97 76200 2400 23400 15200 36800 36400 GGS-102 11/17/97 73200 5000 23600 15100 35700 36300 GGS-102 02/09/98 75700 32600 24000 15100 36100 35500 GGS-102 05/11/98 76000 32200 23200 15100 35700 35700 GGS-102 08/03/98 71900 32340 23500 16000 3600 36100 GGS-102 02/09/99 71900 32170 23000 16300 36000 34400 GGS-102 05/03/99 71700 32400 23400 15700 39500 34300		1996 ST 2016 SW 2027 A	2128/04 N. 313-34 N. 33				
\$\frac{6}{6}\frac{102}{02}\frac{02}{03}\frac{97}{97}\$ \frac{67000}{74400} \frac{2300}{2300} \frac{23000}{23900} \frac{1500}{15200} \frac{38900}{38900} \frac{3600}{36500} \frac{3600}{36500} \frac{3600}{36800} \frac{36800}{36800} \frac{36800}{36800} \frac{36800}{36400} \frac{36800}{36800} \frac{3600}{36000} \frac{3400}{34400} \frac{3600}{36900} \frac{3600}{36900} \frac{3400}{34400} \frac{3600}{36900} \frac{3600}{34300} \frac{3600}{36900} \frac{3400}{34300} \frac{3600}{36900} \frac{3400}{34300} \frac{3600}{36900} \frac{3400}{34300} \frac{3600}{36900} \frac{3400}{34300} \frac{3600}{36900} \frac{3400}{34300} \frac{3600}{36900} \frac{3400}{34300} \frac{3600}{36000} \frac{3400}{34300} \frac{3600}{36000} \frac{3400}{34300} \frac{3600}{36000} \frac{3400}{34300} \frac{3600}{3400} \frac{3400}{3400} \frac{3600}{36000} \frac{3400}{3400} \frac{3600}{36000} \frac{3400}{3400} \frac{3600}{3600} \frac{3400}{3400} \frac{3600}{3600} \frac{3400}{3600} \frac{3600}{3600} \frac{3400}{3600} \frac{3400}{3600} \frac{3600}{3600} \frac{3400}{360	JSGS-102 09/04/96					192 10 10 10 10 10 10 10 10 10 10 10 10 10	
\$\circ{6}{6}\script{5}\circ{102}{06}\script{96}\sqrt{97} \text{74400} \text{2300} \text{2300} \text{23600} \text{15200} \text{38900} \text{36800} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900} \text{36900}	ISGS-102 02/03/97					1900	
GGS-102 11/17/97 73200 < 5000	JSGS-102 06/09/97		5 44 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13/3/3/2007	127 SAGESTAN		
GGS-102 02/09/98 75700 J 2600 24000 15100 36100 35500 GGS-102 05/11/98 76000 J 2200 23200 15100 35700 35700 GGS-102 08/03/98 71900 J 2340 23500 16000 36606 36100 GGS-102 11/02/98 77000 J 2000 24700 15100 35200 34100 GGS-102 02/09/99 71900 J 2170 23600 16300 36000 34400 GGS-102 05/03/99 71700 J 2400 23400 15700 39500 34300	ISGS-102 09/03/97	2.50 (S. 10.50 (15200	36800	36400
SGS-102 05/11/98 76060 J 2200 23200 15100 35700 35700 35700 36500 36005 36100 36000 36000 36100 360000	JSGS-102 11/17/97				500000000000000000000000000000000000000	2012 P. C.	
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SGS-102 11/02/98 77006 J 2000 24700 15100 35200 34100 SGS-102 02/09/99 71900 J 2170 23000 16300 36000 34400 SGS-102 05/03/99 71700 J 2400 23400 15700 39500 34300							7.000.700.00
SGS-102 02/09/99 71900 J 2170 23000 16300 36000 34400 SGS-102 05/03/99 71700 J 2400 23400 15700 39500 34300	JSGS-102 06/03/96 JSGS-102 11/02/98				Parameter of the Control of the Cont	Section 1 and 1 and 1 and 1	
SGS-102 05/03/99 71700 J 2400 23400 15700 39500 34300	JSGS-102 02/09/99			5 14 14 14 14 14 14 14 14 14 14 14 14 14	2,500,000,000,000		
5GS-102 07/27/99 73100 J 2000 23600 14000 36200 35100	ISGS-102 05/03/99		3000 300 300		10 and 10		100000000000000000000000000000000000000
	JSGS-102 07/27/99	73100	J 2000	23600	14000	36200	35100

Appendix E, Table	3 - Salt Conc	entrations 198	9 to Present (C	oncentrations	s in ppo)	
Well Date	Calcium	Potassium	Magnesium	Sodium	Chloride	Sulfate
Number Sampled USGS-102 11/01/99	65700	3 2400	22400	15500	41200	35700
	64600	J 1800	22100	15100	31900	32600
JSGS-102 01/31/00 JSGS-102 05/01/00	67100	3 2100	21400	15100	31800	33400
1505-102 05/01/00	67100					1000
Mean	71752.94	2365,29	23276.47	13426.83	33814.63	34453.6
Std. Dev.	4348.15	702.94	1120.56	1791.79	3943.38	3420.6
Max	77000.00	5000.00	25000.00	16300.00	46000.00	46000.0
IVIAX	77000.00	0000.00	04000.00	7500.00	23000.00	23000.0

2000.00

62000.00

Min

21000.00

7500.00

23000.00

23000.00

Table 4 Nutrient Concentrations – 1989 to Present

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

1	Date		NO2 + NO3				
	Sampled	NO2	as N	TKN	тох	PasP	Ţ
	01/08/92 03/10/92		1600				. 9
	05/10/92		1700 1700				6
	07/08/92		1800				6
-6	09/18/92		1700	\$			9
	12/09/92		1800				6
-6 -6	04/09/93		1900				11
	No Data 09/14/93	- - -	1800				
	11/04/93		1900				6
	03/10/94		1800				7
	06/09/94		1800				10
-6 -6	No Data						
	12/21/94 03/16/95		1900 1900			90	20
	06/09/95		1900			80	38
	09/13/95		1900			90	51
	11/07/95		1800			60	7
	01/16/96		1900			70	27
	03/19/96 06/10/96		1900 1900			10	9
	09/05/96		1700			50 80	11
	01/31/97	500	1800			100	9
	06/05/97	10	2000	< 500	20	200	6
	09/02/97	10	1900	< 500	30	99	J 2
	11/17/97	10	1800	< 500	19	120	J 8
	02/09/98 05/11/98	3 2	2000 1700	ا 320 ا 370	JB 15 JB 13	UBJ 100 110	. 3 - 2°
	08/04/98	10	1600	J 500	J 59	J 81	J 7/ < 10
-6	11/02/98	10	1600	< 150	30	J 120	J 3
	02/04/99	10	1700	J 88	J 14	93	< 10
	05/03/99	7	470	< 500	J 12	< 30	J . 5
	07/27/99 11/01/99	10	1800 1800	J 180 < 500	< 30 < 30	J 45	10
	01/31/00	10	1700	930	< 30		< 10 J 4
	05/01/00	10	1800	< 500	J 12	< 50 €	J 5
	Mean	49.38	1764.69	373.45	24.70	83.15	109
	Std. Dev. Max	141.94 500.00	259.59 2000.00	163.64 500.00	13.65	40.96	975
	Min	2.10	470.00	88.00	59.00 12.00	200.00 10.00	510 260
					12.00	10.00	200
	09/10/91		380			154	4
	01/08/92		390				- 6
	03/10/92 05/14/92		440 420				5
	07/08/92		460				20
	09/18/92		500				11 81
	12/09/92		540				11
	04/09/93		470				- 5
	06/10/93 09/14/93		480 530				20
	11/03/93		530				1
	03/15/94		470				2
	06/13/94		430		and the second		41
	09/12/94 11/04/94		460				ti
	03/17/95		460 380				
	06/09/95		450			< 10 10	70 40
7 (09/14/95		500			< 10	2
	11/08/95		430			50	3(
	01/16/96 03/19/96		490			< 10	80
	06/10/96		460 500			10	30
	09/03/96		470			30	< 10 50

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

Date		NO2 + NO3				
Sampled	NO2	as N	TKN	тох	PasP	
01/31/97	10	450		7.5.5.50	< 50	
06/05/97	10	720	500	8	170 🗀	
09/02/97	10	680	< 500 €	< 30	24	
11/18/97	10.	440	< 500	< 30	39	
02/09/98	3	590	រ្វំ 94	< 30 ⋅	UBJ 34	
05/11/98	2	470	J 180		22	
08/05/98	10	470	< 500	< 30	J 22	
11/02/98	10	460	< 500 ⋅	< 30	J 35	
02/04/99	10	530	J 110	< 30	J 39	
05/03/99	330.	660	≪ 500 ,	< 30	< 30	
07/27/99	10:	470	.i 120	< 30	J 31	
11/01/99	10	470	< 500	< 30	J 40	
01/31/00	10	500	J 78	< 30	J 38	
05/01/00	10	460	< 500	< 30	J 32	
				A7.70	40.00	
Mean	35.38	487.14	364.00	27.79	40.00 42.57	
Std. Dev.	92.83	76.14	189.81	6.99		
Max	330.00	720.00	500.00	30.00 7.90	170.00 10.00	
Min	1.80	380.00	94.00	7.90	10.00	
04/47/06		2000			20	
01/17/96 03/25/96		2000 1900			< 110	
06/11/96		2000			40	
09/04/96		1900	20, 34		30	
01/30/97	100	2000			< 50	
06/10/97	10	2300	< 500	4	180	
09/04/97	5	2100	< 500	8	26	
11/17/97	10	2000	< 500	≪ 30	85	
02/10/98	10	2200	< 500	< 30	UBJ 46	
05/13/98	6	2100	j 220	< 30	52	
08/05/98	10	1900	J 190	ತೆ 16	J 27	
11/03/98	10	2300	< 500	230	ປ 23	
02/11/99	J 2	Q 2200	J 100	< 30	J 47	
05/03/99	-11	2200	J 340	< 30	< 30	
07/28/99	10	2300	J 110	< 30	J 35	
11/02/99	10	2000	< 500	< 30	57	
02/01/00	10	.2200	J 260	< 30	69	
05/02/00	د 10	1900	< 500	< /30	56	
					47.00	
Mean	16.11	2087.50	360.00	42.50	47.38	
Std. Dev.	26.57	145.49	172.22	62.98	39.62	
Max	100.00	2300.00	500.00	230.00	180.00 10.00	
Min	2.00	1900.00	100.00	3.90	10.00	
04/40/00					30	
01/18/96		2360			< 10	
03/26/96		2200			30	
06/11/96		2400 2200			20	
09/04/96 01/30/97	100	2300			< 50	
06/10/97	100	2500	< 500	< 30	200	
09/04/97	5	2200	< 500	9	89	
11/18/97	10	2400	< 500	< 30	42	
02/10/98	3	2400	< 500	< 30	UBJ 38	
05/13/98	6	2100	J 220	< 30 ⋅	52	
08/05/98	10	2100	≪ 500	50	j 33	
11/03/98	10	2400	J 79	69	J 26	
02/11/99	J 2	୍ 2000	< 500	J 10	57	
05/04/99	10	2300	< 500	j 4	< 30	
07/28/99	10	2300	ქ 120	< 30	J 31	
11/02/99	10	2200	< 500	J 4	J 41	
02/01/00	10	2100	820	< 30	59 55	
05/02/00	< 10	2300	< 500 □	< 30	35	
		0000 75	101 70	26.89	48.69	
Mean	15.44	2268.75	401.73		48.69 44.17	
Std. Dev.	26.81	135.25	171.41	20.04	44.17	

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

Mail	Data		NO2 + NO3				
Nell Imber	Date Sampled	NO2	as N	TKN	тох	PasP	то
mnei	Min	2.00	2000.00	79.00	4.00	10.00	220.
	iviii	2.00	2000,00	7 5.00	4.00	10.00	220.
₹F-10							
₹F-10	05/08/96		1800			90	10
RF-10	06/12/96		1900			60	179
RF-10	09/04/96		1800			20	40
3F-10	01/30/97	100	1800			< 50	44
₹F-10	06/11/97	10	2200	< 500	J 3	210	J 47
RF-10	09/04/97	5	1900	< 500	4 4	42	J 48
RF-10	11/18/97	10	1900	« 500	≪ 30	47	J 54
RF-10	02/10/98	4	2000	< 500	JB 9	J 160	< 10
RF-10	05/13/98	4	1900	J 370	< 30	J 40	₹ 10
RF-10	08/05/98	10	1800	₫ 63	21	J 27	< 10
RF-10	11/03/98	10	2100	< 500	55	J 25	< _ 10
RF-10	02/11/99	J 2	Q 1800	J 91	< 30	58	< 10
RF-10	05/04/99	10	1900	< 500	j 4	84	. 80
RF-10	07/29/99	10	2100	< 500	< 30	J 17	J 9!
RF-10	11/02/99	10	1800	< 500	< 30	J 43	< 10
RF-10	02/01/00	5	1700	< 500	< 30	65	< 10
		< 10	1800	< 500	< 30	J 38	< ∴10
				Sales and Sales			9.55
	Mean	15.40	1913.33	411.27	22.35	64.87	793
	Std. Dev.	26.82	130.20	169.87	16.09	53.90	393
	Max	100.00	2200.00	500.00	55.00	210.00	170
	Min	2.00	1800.00	63.00	2.80	17.00	100
RF-11	01/18/96		2000			10	25
₹F-11	03/25/96		1900			40	.51
₹F-11	06/12/96		2000			40	35
3F-11	09/05/96		1900			20	29
₹F-11	01/30/97	100	2000			< 50	41
₹F-11	06/11/97	10	2300	< 500	10	200	J 5
₹F-11	09/04/97	- 5	2000	< - 500	7	26	J 3
₹F-11	11/19/97	10	2300	< 500	- 8	41	J 4
₹F-11	02/11/98	10	2200	< 500	30	UBJ 45	< 10
4F-11	05/13/98	4	2100	J 220	< 30	j 46	< 10
₹F-11	08/05/98	10	2000	J 260	24	J 34	< 1€
RF-11	11/04/98	10	2400	< 500	66	J 39	< 1€
3F-11	02/11/99	MEFI 13	O 2200	J 79	J 12	50	< 10
₹F-11	05/04/99	10	2100	< 500	< 30	< 30	j 9
₹F-11	07/29/99	10	2300	j 410	< 30 ⋅	53	J 4
3F-11	11/03/99	10	2100	< 500	< 30	30	≪ 10
₹F-11	02/01/00	10	1900	590	< 30	59	< 10
RF-11	05/03/00	< 10	REF! 2000	j 450	á 5	J 21	. 3
	À						4. 1
	Mean	16.81	2112.50	406.27	25.15	47.13	116
	Std. Dev.	26.31	154.38	149.90	16.81	42.39	951
	Max	100.00	2400.00	500.00	66.00	200.00	350
	Min	4.00	1900.00	79.00	6.50	10.00	336
RF 12	01/22/96		2100	755		< 10	25
ìF 12	03/20/96		1900			30	12
RF 12	7.		2100			30	5
RF 12	09/05/96	App.	2000			10	21
RF 12	01/30/97	100	2100			< 50	5
₹F-12	6.5	10	2300	< 500	9	240	્રો 3
₹F-12		5	2100	< 500	11	28	.i 4
3F-12	11/18/97	10	2100	< 500	9	38	J 6
RF-12	02/11/98	10	2300	< 500	JB 11	USJ 49	< 10
3F-12		5	2100	J 300	< 30	J 37	< 10
4F-12	.5	10	2000	550	J 19	J 23	< 10
	11/04/98	< 10	Q 2400	J 150	42	J 26	< 10
RF-12		10	2100	< 500		ತಿ 35	< 10
	05/05/99	10	2100	< 500		≪ 50	ತಿ 54
3 160 7-4	07/29/99	10	2100	< 500 ⋅	< 30	50	J 3

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

Date		NO2 + NO3				
Sampled	NO2	as N	TKN	TOX	PasP	
02/02/00	10	1900	< 500	< 30	66	<
05/03/00	< 10	1900	J 250	< 30	J 28	J
Mean	16.69	2112.50	418.09	18.59	46.25	
Std. Dev.	26.30	125.83	158.75	12.34	53.20	
Max	100.00	2400.00	550.00	42.00	240.00	
Min	4.90	1900.00	99.00	5.00	10.00	
04 (00 (00					90	
01/22/96		810 740			160	
06/13/96		800			150	
09/05/96		750			170	
02/03/97	60	750			900	
06/09/97	10	900	< 500	13	480	<u>ئ</u>
09/05/97	9	800	< 500	14 < 30	88 170	4
11/19/97 02/11/98	6 10	980 1100	< 500 < 500	- 30 ১৯ 11	UBJ 79	4
05/13/98	7	830	< 300	20	51	
08/05/98	19	740	j 320	B 18	110	*
11/04/98	10	890	< 500 €	J 15	100	ď
02/11/99	7	910	J 200	ો 13	84	. «
05/05/99	10	800	J 240	J 8	120	
07/29/99	10	870	< 500	< 30 J 6	130 85	4
11/03/99	10	840 750	< 500 < 500	< 30	500	
05/03/00	< 10	850	< 500	< 30 ⋅	94	
00/00/00						
Mean	13.28	844.38	414.55	16.17	185.44	
Std. Dev.	14.79	96.88	122.34	7.93	214.24	
Max	60.00	1100.00	500.00	30.00 6.00	900.00 51.00	
Min	6.40	740.00	200.00	8.00	31.00	
06/15/90		1600		20		
08/06/90	10	1600				
10/10/90	10	1700	7.57.85.75			
12/11/90	10	1800				
02/07/91	20	1700				
04/11/91	10	1700				
06/10/91	10	1800 1700	-+			
12/05/91	10	1800				
03/12/92	10	1900				
06/19/92	10	2000				
09/18/92	10	950				
12/01/92	20	2000				
04/13/93 06/14/93	10	2100				
09/16/93	10	2000				
11/05/93	10	2000				
03/11/94	10	2200			4,3	
06/10/94	10	2100				
09/09/94 10/27/94	10	2000				
03/20/95	10	2100		3,20	< 10	
06/14/95	10	2100			30	
09/12/95	10	2100		3,124,39	- 20	
11/02/95	10	2000			70 < 10	
01/16/96	100	2200 2100			< 10 30	
03/21/96 06/10/96	10	2200			< 10	
09/03/96	4	2000			30	
02/04/97	100	1800			< 50	
06/09/97	10	2200	< 500	30	170	
09/03/97	10	2000	< 500	6 < 30	27 35	
11/18/97	4 10	1800	< 500 < 500	< 30	UBJ 5	

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

ell Date		NO2 + NO3				
mber Sampled	NO2	as N	TKN	TOX	P as P	TO
S-12 05/12/98		1400	J 270	< 30	J 22	J 44
S-12 08/04/98	10	1300	< 500 < 500	55 48	J 32	< 100 J 32
SS-12 11/04/98 SS-12 02/11/99	3	1100	< 500 < 500	< 30	J 48	< 100
S 12 05/05/99	10	1000	J 330	< 30	< 50	< 100
S 12 07/29/99	8	950	J 200	< 30	53	J 64
SS 12 11/03/99	.10	820	J 120	< 30	41	≪ 100
SS 12 02/02/00	10	900	670	< .30	52	J 26
GS 12 05/03/00	< 10	- 890	J 350	< 30	J 25	< 101
				20.70	24.00	1000
Mean	14.23	1778.54	401.82	30.72 12.20	34.90 35.39	1068 2166
Std. Dev.	20.19 100.00	379.69 2200.00	144.97 500.00	55.00	170.00	1400
Max Min	1.10	820.00	120.00	5.60	4.90	300
WHI.	1.10					
S-97 11/30/89		1900		20		30
SS-97 03/19/90	10	2000				40
SS-97 06/07/90	10	1800				20
S-97 08/01/90	10	1800				30
S-97 10/04/90	10	1900				50
S-97 12/07/90	10	1800				30
SS-97 03/13/91	10	1900				30
3S-97 06/07/91 3S-97 09/05/91	10	2000				60
S-97 12/03/91	10	1900				60
GS-97 03/16/92	10	1900				3(
S-97 06/17/92	10	2000				80
SS-97 09/21/92	10	1900				60
3S-97 12/08/92	10	2100				40
GS-97 04/06/93	10	2000				50
SS-97 06/09/93	10	1900				49
SS-97 09/13/93	10	2100				50
GS-97 11/04/93 GS-97 03/14/94	10	2000			-	50
3S-97 06/09/94	10	2000				60
GS-97 09/08/94	10	2000				40
GS-97 11/10/94	10	2000				41
GS-97 03/16/95	10	330			< 10	8
GS-97 06/13/95	- 10	2000			30	. 5
3S-97 09/11/95	10	2100			10	13
GS-97 11/06/95	10	1900			30	51
GS-97 01/17/96	10	2200 2000			< 10 50	16 6
GS-97 03/25/96 GS-97 06/11/96	10	2100			40	60
3S-97 09/04/96	10	2100			30	41
GS-97 02/03/97	100	2100	(2.3)		< 50	31
GS-97 06/10/97	10	2400	< 500	< 30 ⋅	210	44
GS-97 09/03/97	10	2300	< 500	11	26	6
GS-97 11/18/97	10	2200	< 500	< 30 ⋅ √	38	37
GS-97 02/10/98	5	2300	< 500	<b 30<="" td=""><td>J 45</td><td>< 10</td>	J 45	< 10
GS-97 05/12/98	1	1200	J 220	< 30	J 17	J 3
3S-97 08/04/98	10	2000	< 500 < 500	< 30 73	J 29 J 30	< 10 J 3
GS-97 11/03/98 GS-97 02/09/99	10	2400 2400	< 500 J 180	< 30	53	√ 30 √ 10
GS 97 05/04/99	10	2200	< 500	< 30	< 30	J 70
GS 97 07/28/99	10	2300	< 500	< 30	J 33	J 3
GS 97 11/02/99	10	2200	< 500	< 30	J 32	< 10
GS 97 02/01/00	10	1900	J 230	< 30 €	54	< 10
3S 97 05/02/00	< 10	2100	< 500	J 4	J 43	3 ك
Mana		1000.01	445.45		40.45	
Mean Std. Dev.	11.86 14.20	1988.81 335.09	445.45 121.69	31.13 14.49	40.15 41.96	638 565
Sid. Dev. Max	100.00	2400.00	500.00	73.00	210.00	370
Min	0.91	330.00	180.00	10.60	10.00	200

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

ell	Date		NO2 + NO3				
nber	Sampled	NO2	as N	TKN	TOX	P as P	Ţ¢
	03/19/90	10	3000			200	11
	06/05/90	10	1100				31
	07/30/90	10	1100				2 2
	10/03/90 12/07/90	10	1000 1100			1 2 2 3	1
	03/13/91	10	1100				1
	06/07/91	10	1100				2
	09/05/91	10	1100				2
S-98	12/03/91	10	1100	SANOVE CON MARKET		77.77.99	4
	03/16/92	- 10	1000				196.07
S = 15 22 8	06/17/92	10	1100		100 mg		2
	09/21/92	10	1000				5
	12/08/92	10	1100				3
17. 45.41	04/06/93	10	1100				1 2
	09/13/93	10	1000		14.10040000		
	11/02/93						37.6
	03/14/94	10	1100	100000000000000000000000000000000000000	44.55.37.77		4
	06/09/94	10	1100			- 48	2
S-98	09/08/94	10	1000	6.95			9
Same to the species	11/09/94	10	1100				2
	03/15/95	10	1000			< 10	14
	06/12/95	10	1000			30	3
	09/11/95	10	1200			40 50	6
12 S C C C 19 10	11/06/95 01/17/96	10	1100		35 San	< 10	f
	03/21/96	10	1100			30	7
	06/11/96	10	1200	**************************************	20, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1	30	4
	09/04/96	10	1100	0.407.014		60 %	8
	02/04/97	100	1200			< 50	4
S-98	06/10/97	10	1500	< 500 €	< 30	210	3
	09/03/97	10	1200	< 500	< 30	19	2
	11/18/97	10	1300	< 500	< 30	30	4
2012/2019/2019	02/10/98	3	1500	< 500	8 30	J 35	< 10
	05/12/98		1200	. 220 ≤ 500 ×	< 30 3 14	J 17 J	J 5
	08/04/98 11/03/98	10	1100 1400	< 500 < 500	90	J 26	< 10
	02/09/99	10	960	< 500	< 30	J 38	< 10
CHARLEST CO.	05/04/99	10	1200	< 500	J 4	< 50	J 5
	07/28/99	10	1200	J 72	< 30	J 36	J 6
	11/02/99	10	1100	< 500	ತಿ 12 🐇	J 27	< 1
	02/01/00	10	1100	< 500	< 30	52	< 1
S 98	05/02/00	< 10	1300	< 500	< .30	J 46	J 3
							70
	Mean	11.89	1179.00	435.64	29.17 21.21	41.10 41.93	79 216
	Std. Dev. Max	14.60 100.00	319.45 3000.00	146.97 500.00	90.00	210.00	140
	Min	0.91	960.00	72.00	4.00	10.00	10
S-99	11/30/89		1600	the state of the state of	20		2
S-99	03/20/90		1500	NOT THE STATE OF T			2
State of the same of	06/05/90		1600				3
	08/01/90		1600				3
	10/03/90		1500 1500			538,578,538	3
	12/10/90 03/13/91		1600				3
	06/07/91		1600				3
99. rd e 400.ee	09/05/91		1500				7
A SHOP IN	12/03/91		1500				4
	03/16/92		1500	71 and 1970 m	13		1
200	06/16/92		1500				3
20 CE - W	09/21/92		1500				6
Sec. 350	12/08/92		1600		7.65		15
	04/06/93 06/09/93		1500				3
	09/13/93		1600	24 A			5

Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

ell Date		NO2 + NO3				
nber Sampled	NO2	as N	TKN	тох	PasP	
S-99 11/02/93		1600				
S-99 03/14/94		1600				
S-99 06/09/94 S-99 09/07/94		1600 1400				1
S-99 11/09/94		1600				
S-99 03/15/95		1600	16.		20	10
S-99 06/12/95		1500			30	9.8
S-99 09/11/95		1600			20	3
S-99 11/06/95 S-99 01/17/96		1500 1700			60	
S-99 03/25/96		1600			10	
S-99 06/11/96		1700			40	2
S-99 09/04/96		1600			40	2
S-99 02/04/97	100	1700			80	
S-99 06/10/97 S-99 09/03/97	10	2000 1800	< 500	< 30	150	
S-99 11/18/97	36	1700	< 500 500	< 30	38	2
S-99 02/10/98	10	1900	< 500	<₿ 30	J 40	٠ .
S-99 05/12/98	1	1600	J 180	J 8	J 36	j s
S-99 08/04/98	10	1500	< 500	ਹੈ 15	J 22	< ∏1
S-99 11/03/98 S-99 02/09/99	10	1900	< 500	30	<i>.</i> ∮ 27	< 1
S-99 02/09/99 S-99 05/04/99	10	1500 1700	< 500 < 500	< 30 < 30	55 < 50	< _1 J 8
S 99 07/28/99	10	1700	J 420	< 30 ⋅	J 26	3 S
S 99 11/02/99	10	1600	< 500	< 30	j 44	< 1
S 99 02/01/00	10	1600	J 170	< 30	59	< 1
S 99 05/02/00	< 10	1700	< 500	< 30	J 23	J 3
Mean	18.89	1604.76	463.64	23.99	41.00	
Std. Dev.	26.82	122.88	97.08	9.57	41.00 30.91	118 290
Max	100.00	2000.00	500.00	30.00	150.00	190
Min	0.68	1400.00	180.00	4.80	10.00	10
-102 06/08/90						
-102 08/01/90 -102 08/01/90		1700 300		20		3
-102 10/04/90		1700				3
-102 12/10/90		1700				4
-102 02/07/91		1600				4
-102 04/11/91 -102 06/07/91		1700				4
3-102 09/07/91 3-102 09/05/91		1800 1800				. 4
-102 12/03/91		1800			- - - - - - - - - - 	5
-102 03/16/92		1700				2
-102 06/11/92		1800				4
-102 09/16/92 -102 12/09/92		1800				8
-102 12/09/92		1900 1800				4
-102 04/06/93		1800				8
-102 09/13/93		2000				5
-102 11/04/93		2000			37.0	4
-102 03/10/94		2000				1:
-102 06/09/94 -102 09/08/94		2000 1900				8
-102 03/08/94		1900				14 4
-102 03/16/95		1800			10	56
-102 06/13/95		1900			30	. 6
-102 09/13/95		2000			30	46
-102 11/07/95 -102 01/18/96		1900 2100			40	4
-102 03/19/96		2000			< 10 20	8
-102 06/11/96		2100			50	4 5
-102 09/04/96		2000			< 10	23
-102 02/03/97	100	2100		100	< 50	41
-102 06/09/97 -102 09/03/97	10	2300	< 500	12	190	5
-102 11/17/97	10	2200	< 500 < 500	< 30	27 34	3i 5i

- B = Compound is also detected in the blank. J = Result is detected below the reporting limit or is an estimated concentration. s = Sample diluted due to the concentration of target analytes.
- U = The MDL was raised to accommodate the detection of constituents in blank
- Q = The reporting limit was elevated due to high analyte levels

Wa = Post digestion spike recovery fell between 40-85% due to matrix interference

Appendix E, Table 4 - Nutrient Concentrations 1989 to Present (Concentrations in ppb)							
Well Date		NOS + NO3					
Number Sampled	NO2	as N	TKN	KOT	PasP	тос	
USGS-102 02/09/98	4	2200	< 500	<8 30	J 47	< 1000	
USGS-102 05/11/98	. 1	2100	J 210	< 30	J 22	J 450	
USGS-102 08/03/98	10	1900	< 500	J 22	J 26	< 1000	
USGS-102 11/02/98	< 10	Q 2100	< 500	< 30	J 32	J 230	
USGS-102 02/09/99	10	2400	< 500	J 9	53	< 1000	
USGS-102 05/03/99	12	1900	J 76	J 3	< 30	J 360	
USGS-102 07/27/99	10	2100	J 150	< 30	J 30	J 480	
USGS-102 11/01/99	10	2100	890	< 30	J 27	J 570	
USGS-102 01/31/00	10	1900	J 220	< 30	52	< 1000	
USGS-102 05/01/00	< 10	1900	< 500	< 30 €	J 22	J 400	
Mean	16.39	1907.32	438.73	21.04	38.40	804.88	
Std. Dev.	26.52	317.32	222.97	10.67	37.92	1061,55	
Max	100.00	2400.00	890.00	30.00	190.00	5600.00	
Min	1.10	300.00	76.00	3.00	10.00	200.00	